

<110> APPLICANT: Noriko, Okada
 Hidechika, Okada
<120> TITLE OF INVENTION: Human IgM monoclonal antibody that induce apoptosis of HIV infected cells.
<130> FILE REFERENCE: T-070102-3
<140> CURRENT APPLICATION NUMBER: US/10/519,855
<141> CURRENT FILING DATE: 2004-12-29
<150> PRIOR APPLICATION NUMBER: 2002-227953
<151> PRIOR FILING DATE: 2002-07-01
<160> NUMBER OF SEQ ID NOS: 2
<170> SOFTWARE: PatentIn version 3.1

<210> SEQ ID NO 1
<211> LENGTH: 470
<212> TYPE: DNA

<213> ORGANISM: Unknown
<220> FEATURE:
<223> OTHER INFORMATION: variable region of human [?] fE chain

HIGH CHAIN

<220> FEATURE:
<221> NAME/KEY: V-region
<222> LOCATION: (1)..(470)
<223> OTHER INFORMATION:

<400> SEQUENCE: 1
tgccctggat tccaaggcct atccacttgg tgatcagcac tgagcaccga ggattcacca 60
tggactggg gctccgctgg gtttccttg ttgttatTTT agaagggtgtc cagtgtgagg 120
tgcagctggg ggagtctggg ggaggcctgg tcaagcctgg ggggtccctg agactctcct 180
gtgcagccctc tggattcacc ttcagtagtt atagcatgaa ctgggtccgc caggctccag 240
ggaaggggct ggagtgggtc tcatccatta gtatgtatgt tagttacata tactacgcag 300
actcagtgaa gggccgattc accatctcca gagacaacgc caagaactca ctgtatctgc 360
aatgaacag cctgagagcc gaggacacgg ctgtgttatta ctgtgcgaga gatctcccta 420
tagcagtggc tggccactgg ggccagggaa ccctggtcac cgtctcccta 470

<210> SEQ ID NO 2

<211> LENGTH: 404

<212> TYPE: DNA
<213> ORGANISM: Unknown
<220> FEATURE:

<223> OTHER INFORMATION: variable region of human k-chain

LIGHT CHAIN

<220> FEATURE:
<221> NAME/KEY: V-region
<222> LOCATION: (1)..(404)
<223> OTHER INFORMATION:

<400> SEQUENCE: 2
ctcagtcagg acacagcatg gacatgaggg tccctgctca gtcctggga ctccctgctgc 60
tctggctccc agataccaga tgtgacatcc agatgaccca gtctccatcc tccctgtctg 120
catctgttagg agacagagtc accatcaatt gccgggcgag tcagggcatt agcaattatt 180
tagcctggta tcagcagaaa ccagggaaag ttccctaaact cctgatctat gctgcatcca 240
ctttgcaatc aggggtccca tctcggttca gcggcagtgg atctgggaca gatttcactc 300
tcaccatcag cagcctgcag cctgaagatg ttgcaactta ttactgtcaa aagtataaca 360
gtgccccgta cactttggc caggggacca agctggagat caaa 404